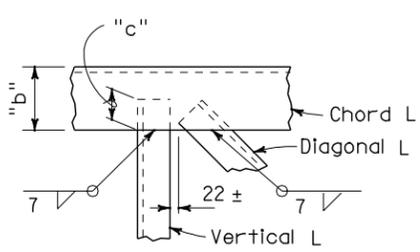
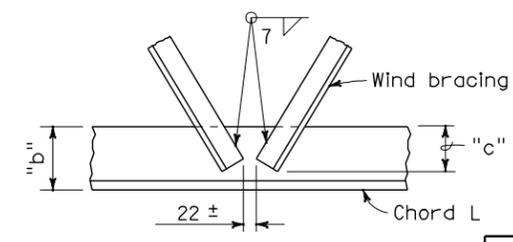


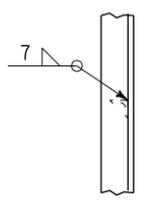
223



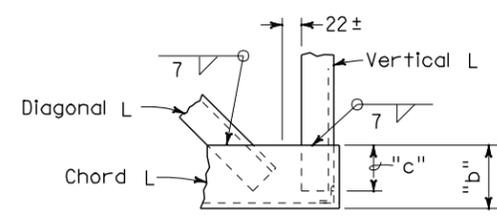
DETAIL ①



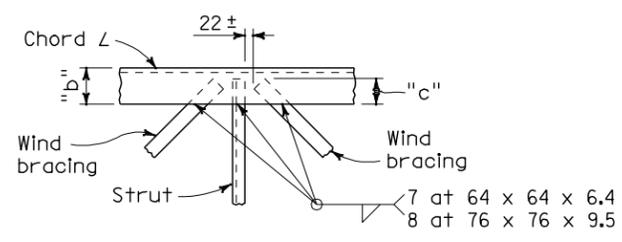
DETAIL ②



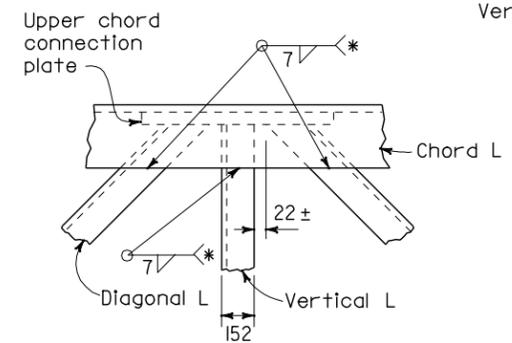
DETAIL ③



DETAIL ④

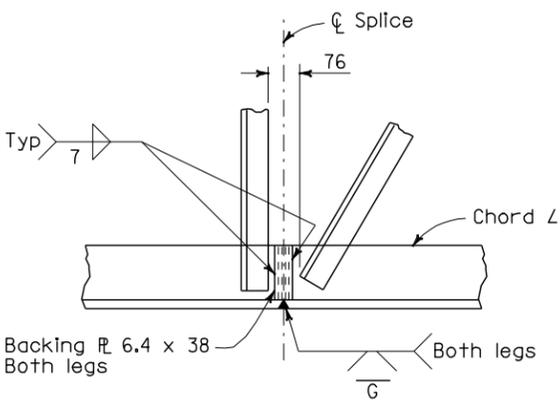


DETAIL ⑤

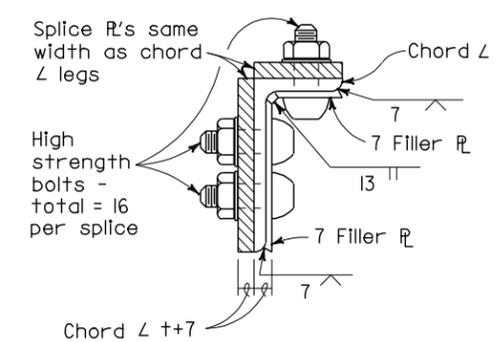


DETAIL ⑥

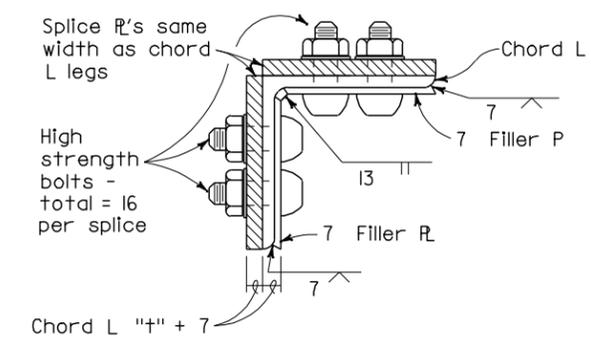
* Welds are to upper chord connection plate and chord angle



WELDED CHORD SPLICE



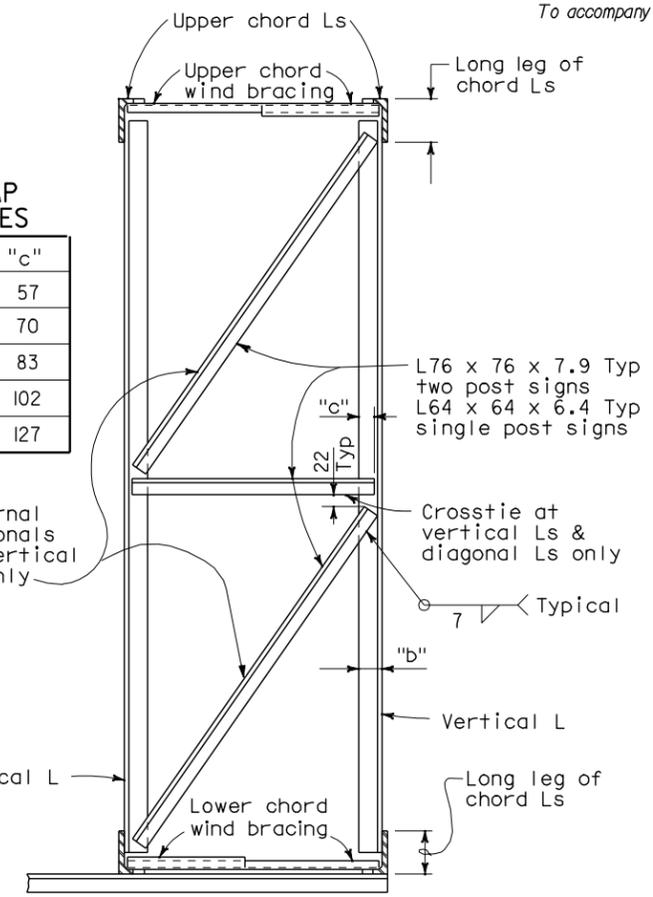
SECTION T-T
TWO POST SIGNS



SECTION T-T
SINGLE POST SIGNS

OVERLAP DISTANCES

"b"	"c"
89	57
102	70
127	83
152	102
203	127



TYPICAL SECTION J-J

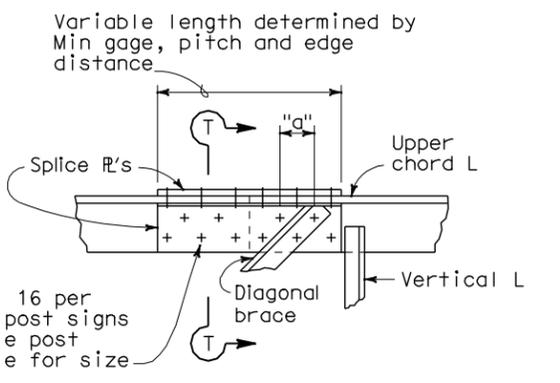
Note:
Diagonal Ls in plane of truss not shown. Bracing shown is at all vertical Ls of truss.

To accompany plans dated _____

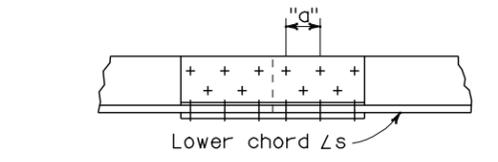


BOLTED CHORD SPLICE

TWO POST SIGNS		
Chord L	Nominal Bolt Diameter	"a" mm Min
127 x 89 x 9.5	M20 x 2.5	64
152 x 102 x 12.7	M22 x 2.5	76
203 x 102 x 19.0	M30 x 3.5	96
203 x 152 x 19.0	M30 x 3.5	96
SINGLE POST SIGNS		
Chord L	Nominal Bolt Diameter	"a" mm Min
127 x 127 x 12.7	M22 x 2.5	76
152 x 152 x 12.7	M22 x 2.5	76



SPLICE WITH DIAGONAL ANGLE



SPLICE WITHOUT DIAGONAL ANGLE

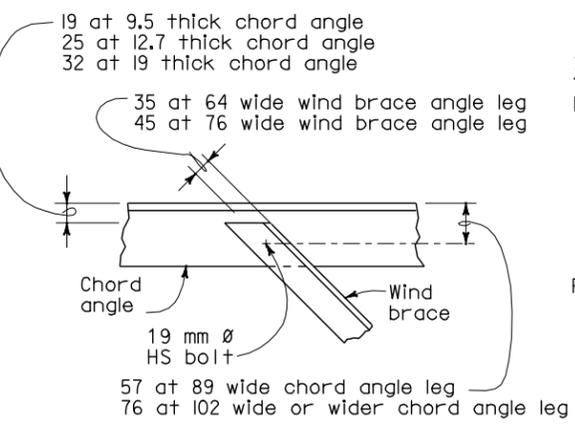
BOLTED CHORD SPLICE

HS bolts - total 16 per splice. for two post signs and 20 per single post signs. See table for size

SPLICE NOTES

Location of Splices:
The splice shall be located so as not to interfere with mounting the walkway brackets or the clip angles for the removable sign panel frame. For two post type see also RSP S5.

Filler R :
The plates welded to the angle legs on the inside shall be welded before drilling the bolt holes. The plates shall be the same length as the cover plates. The plates are not necessary on the single post signs if the splice is located over 1/3 of the cantilever length from the post. Alternative splice details may be used if approved by the Engineer.



BOLTED WIND BRACE DETAIL
Each end of wind brace at bolted chord splice

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**OVERHEAD SIGNS-TRUSS
STRUCTURAL FRAME DETAILS**
NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN
RSP S6 DATED DECEMBER 30, 2004 SUPERSEDES RSP S6 DATED OCTOBER 26, 2000 AND STANDARD PLAN S6 DATED JULY 1, 1999-PAGE 223 OF THE STANDARD PLANS BOOK DATED JULY 1999.

REVISED STANDARD PLAN RSP S6

1999 REVISED Std PLAN RSP S6

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER
December 30, 2004
PLANS APPROVAL DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.
To get to the Caltrans web site, go to: <http://www.dot.ca.gov>

REGISTERED PROFESSIONAL ENGINEER
Tillat Sattar
No. C42892
Exp. 3-31-06
CIVIL
STATE OF CALIFORNIA